



CHEVONCHEV

by Henk Prins, June 2018.

Angles for R.I. = 1.810

53 + 8 girdles = 61 facets

4-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.504 U/W = 0.504

P/W = 0.465 C/W = 0.159

Vol./W³ = 0.283

PREFORM

P1	28.80°	12-36-60-84	Cut to TCP
P2	35.00°	96-24-48-72	Cut to TCP
P3	90.00°	96-24-48-72	Establish size
P4	90.00°	12-36-60-84	Level temp girdle

PAVILION

1	49.50°	96-24-48-72	Establish girdle
2	43.18°	12-36-60-84	Level girdle
3	44.27°	01-23-25-47- 49-71-73-95	Meet 1 & 2 at girdle
4	39.70°	03-21-27-45- 51-69-75-93	Meet 1-2-3 at girdle
5	38.00°	04-20-28-44- 52-68-76-92	Meet 4-2-4

CROWN

A	40.80°	96-24-48-72	Establish girdle width
B	40.80°	12-36-60-84	Level girdle
C	35.70°	96-24-48-72	Cut A to size
D	35.70°	12-36-60-84	Level
E	18.00°	96-24-48-72	Meet C-D-C
T	0.00°	Table	Cut to suitable size